

# ***SYSTEM AND METHOD OF MEDICAL IMAGING HAVING DEFAULT NOISE INDEX OVERRIDE CAPABILITY***

## **Abstract of Disclosure**

A system and method of medical imaging is designed to reduce a patient's X-ray exposure during scanning. The system automatically generates a default noise index from a received set of scan parameter values that specifies a desired tube current of an X-ray source to use during the scanning of a patient. The default noise index can then be overridden to select a preferred noise index based upon a desired diagnostic quality for a particular volume of interest (VOI) and a diagnostic objective.

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